

Hydrothermal Synthesis of Photoluminescent Nanocarbon from Hydroxylic Acids and Amines

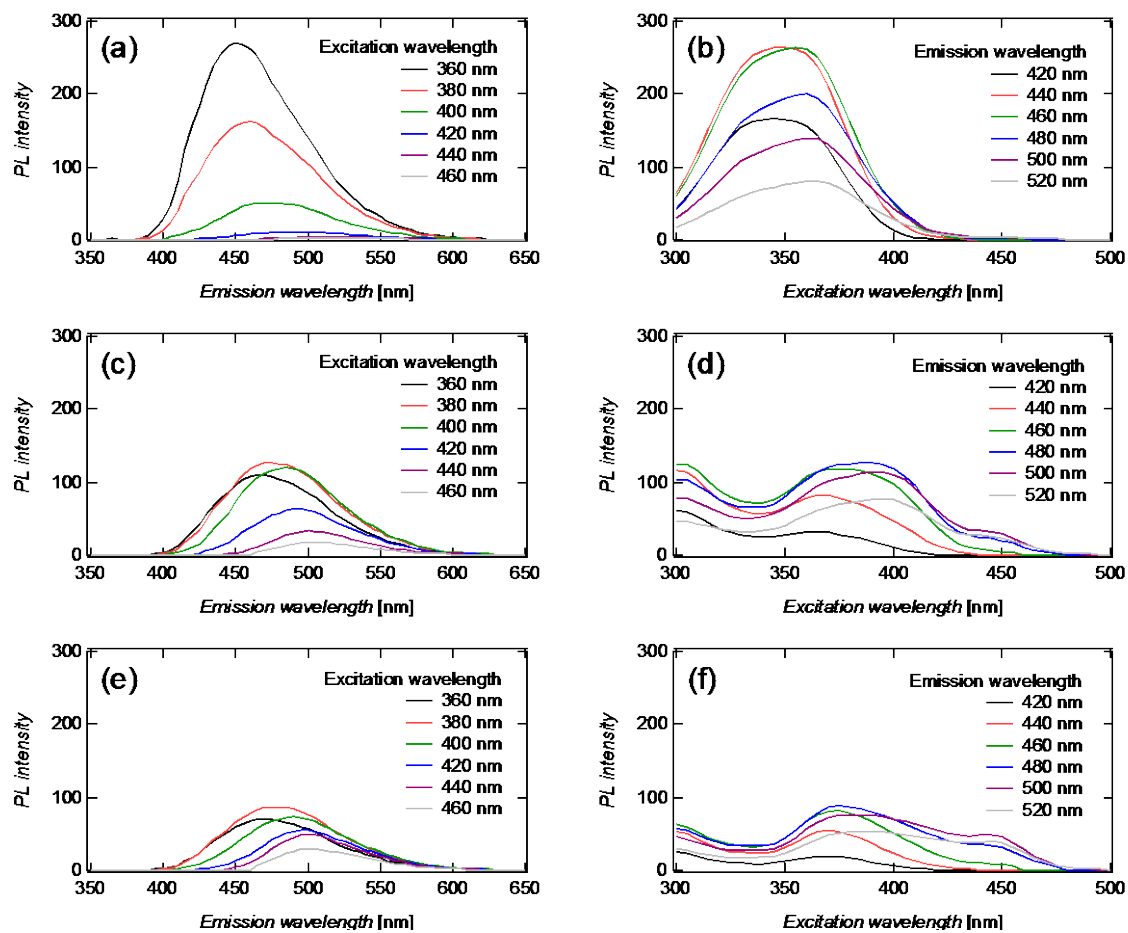
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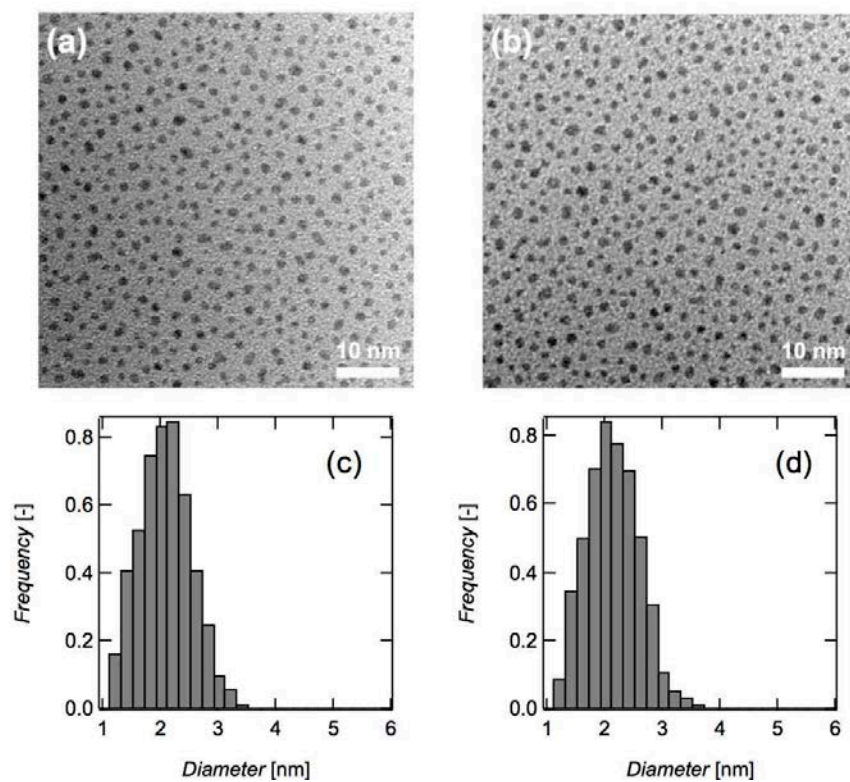
Supporting Information

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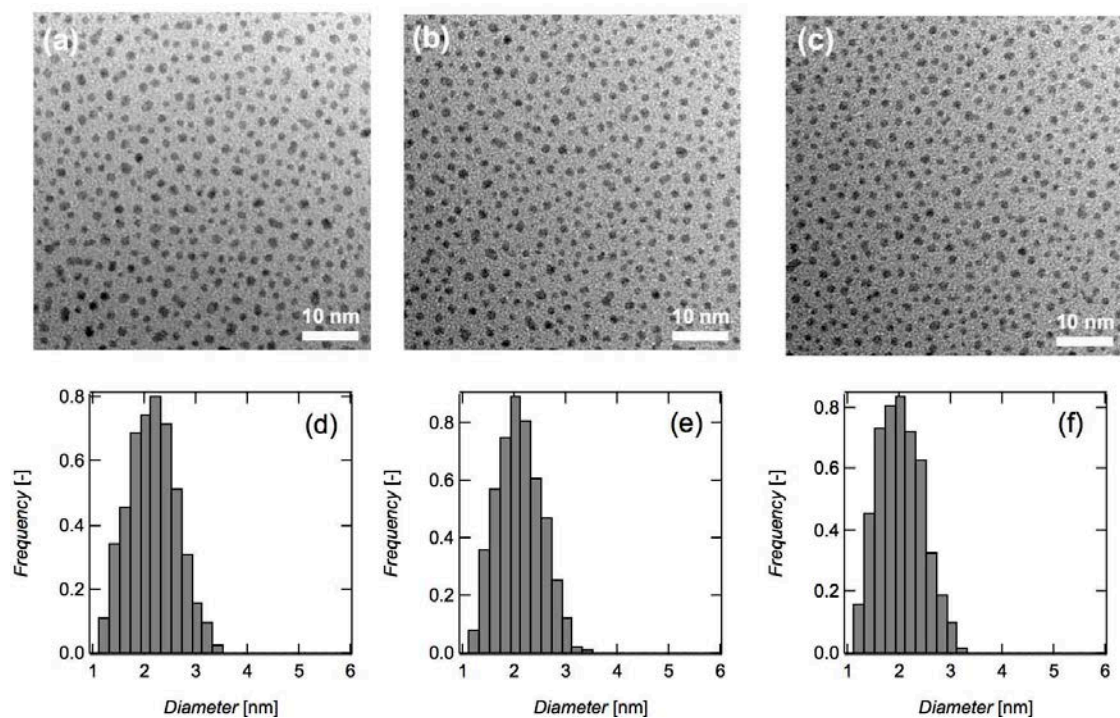
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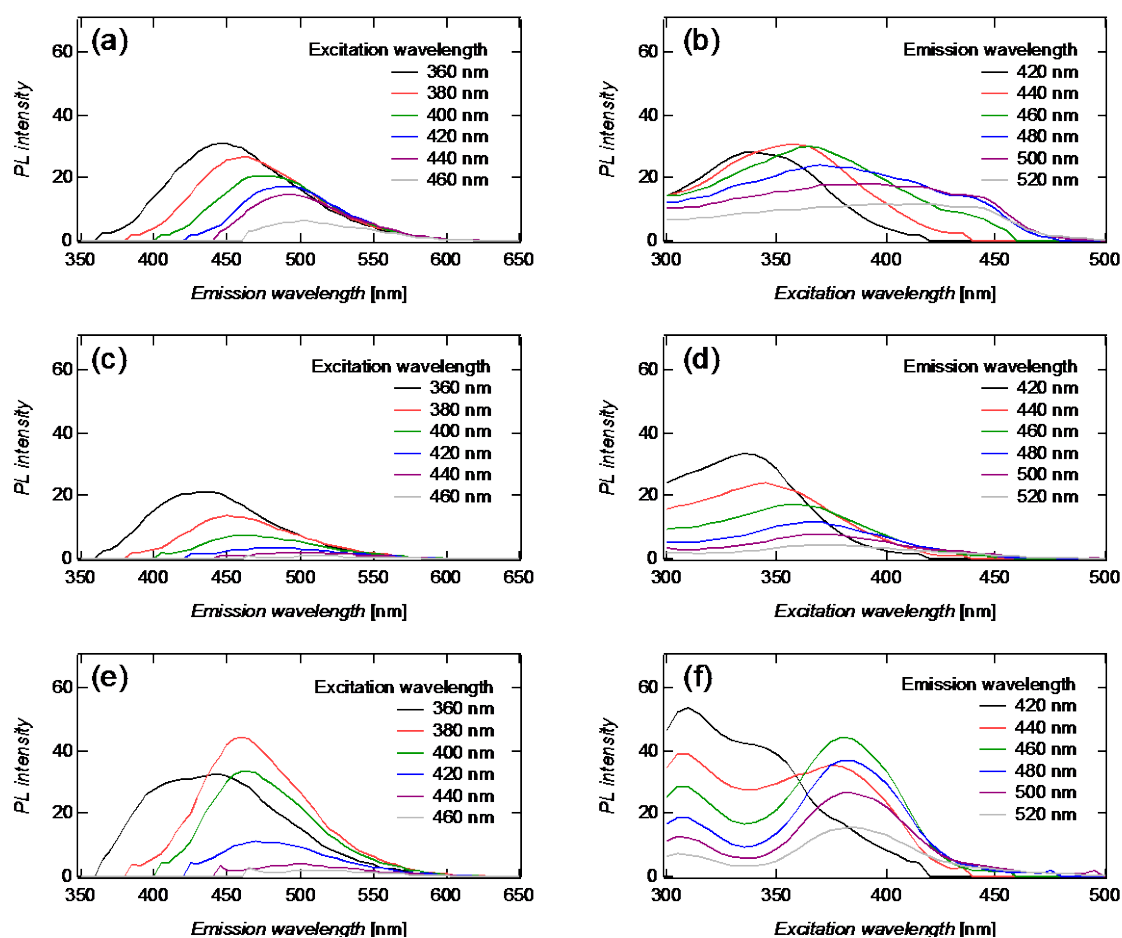
(S-1) Emission (a, c, e) and excitation (b, d, f) spectra of CDs from CA with EDA. The reaction time is (a, b) 1 h, (c, d) 2 h and (e, f) 4 h.



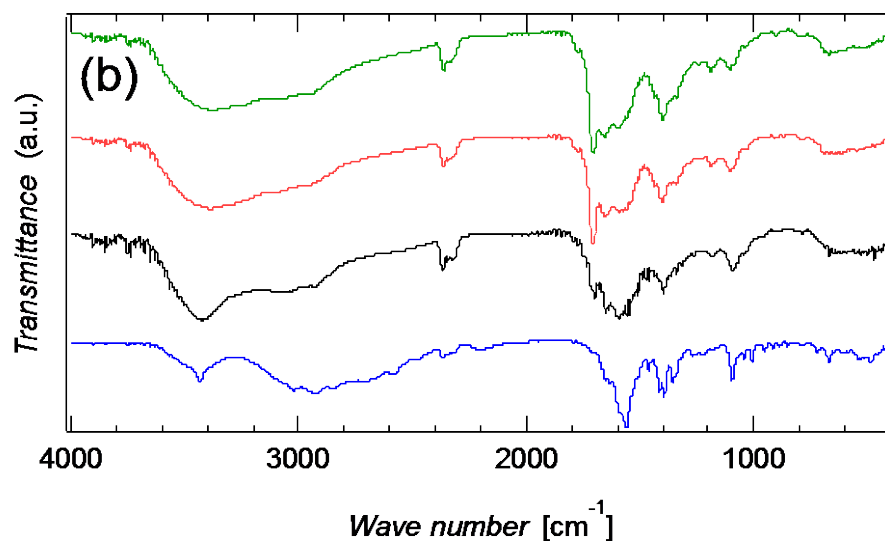
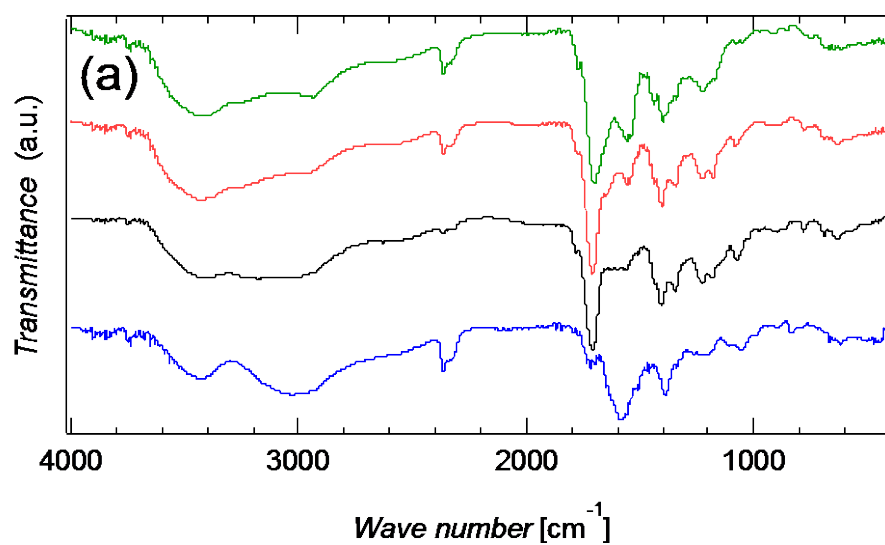
(S-2) TEM images and size distributions of CDs from CA with (a, c) DMEDA and (b, d) TMEDA at a reaction time of 2 h.



(S-3) TEM images and size distributions of CDs from (a, d) MA, (b, e) TA and (c, f) MuA at a reaction time of 4 h.



(S-4) Emission and excitation spectra of CDs from (a, b) MA, (c, d) TA and (e, f) MuA with EDA at a reaction time of 4 h.



(S-5) FT-IR spectra of CDs from (a) CA and (b) MA with EDA at reaction times of 1 h (black), 2 h (red) and 4 h (green). The spectra of the salts with EDA are shown by the blue lines.